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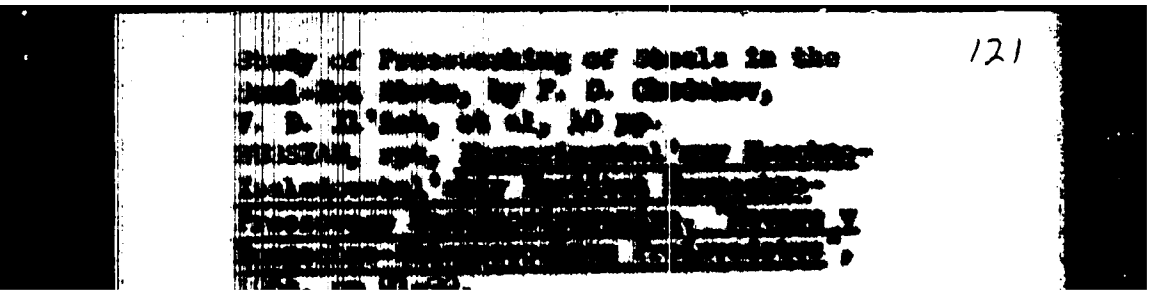

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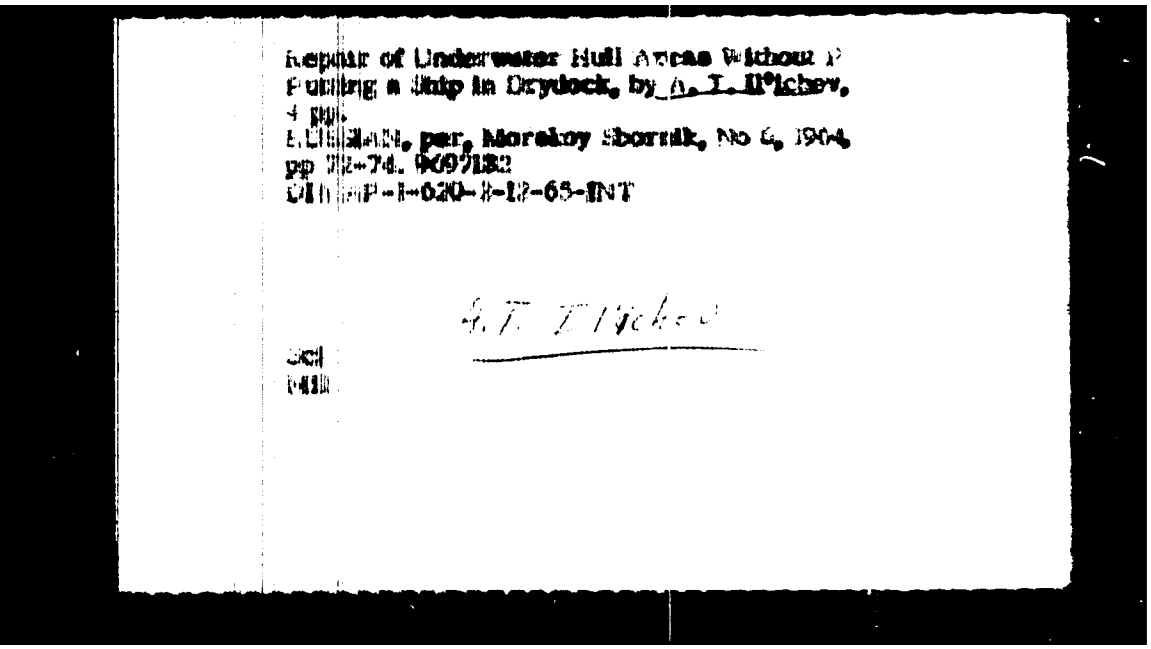

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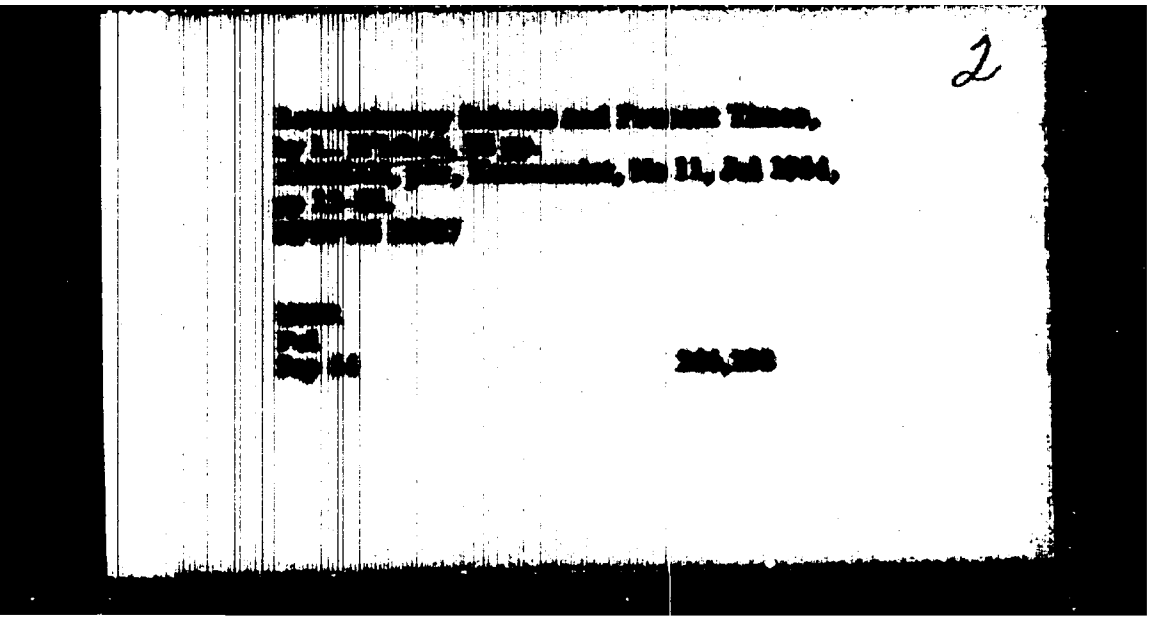

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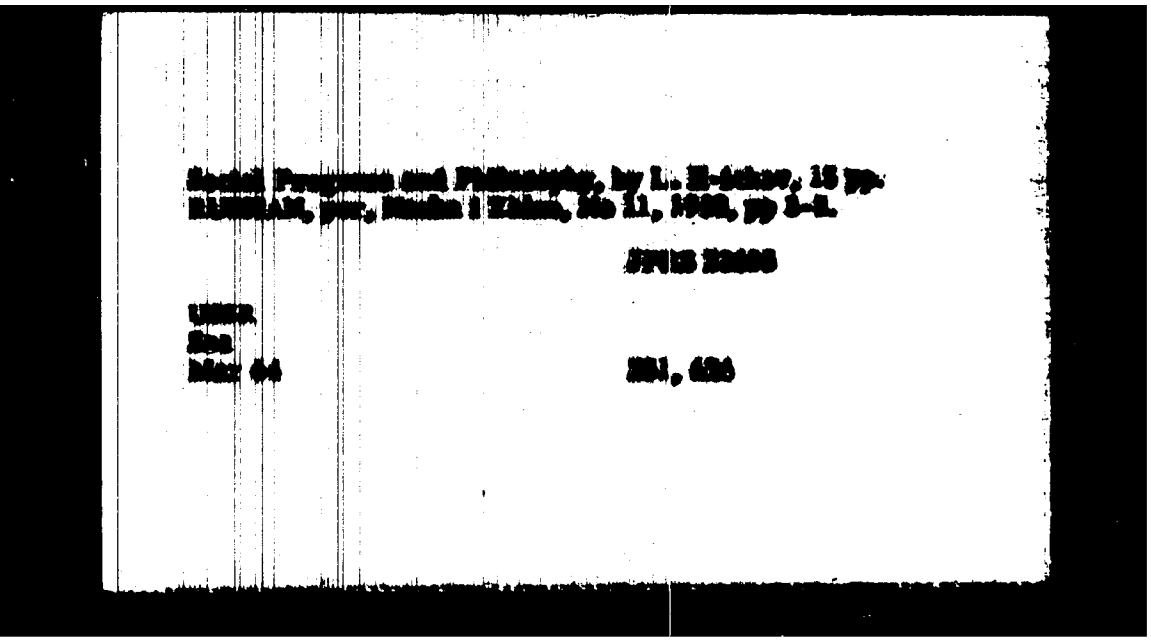

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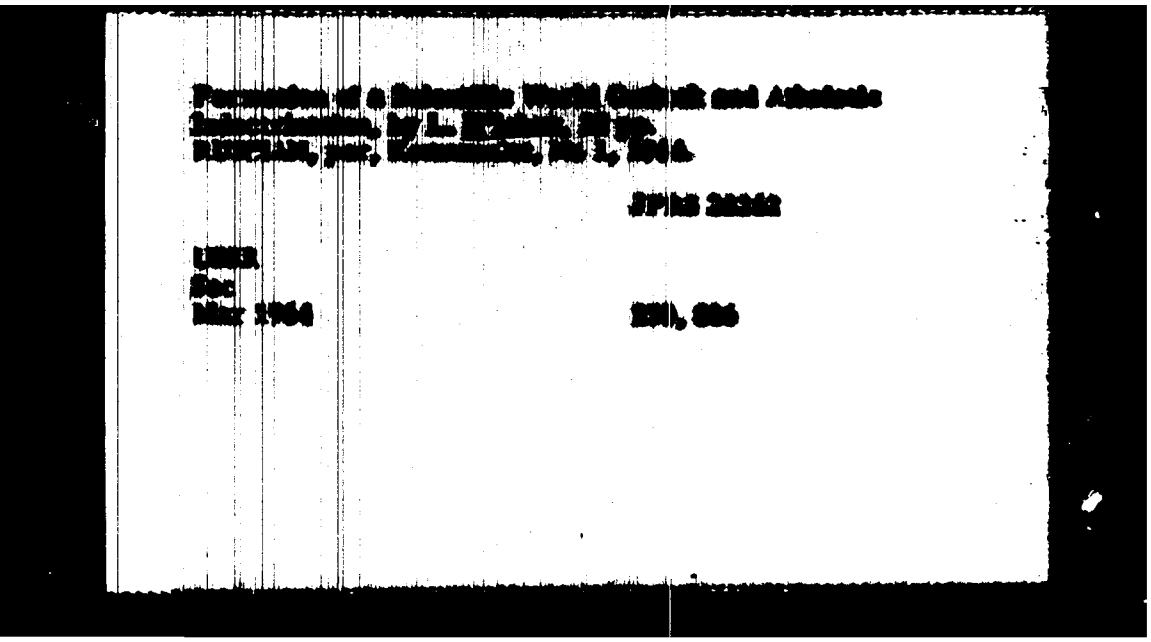

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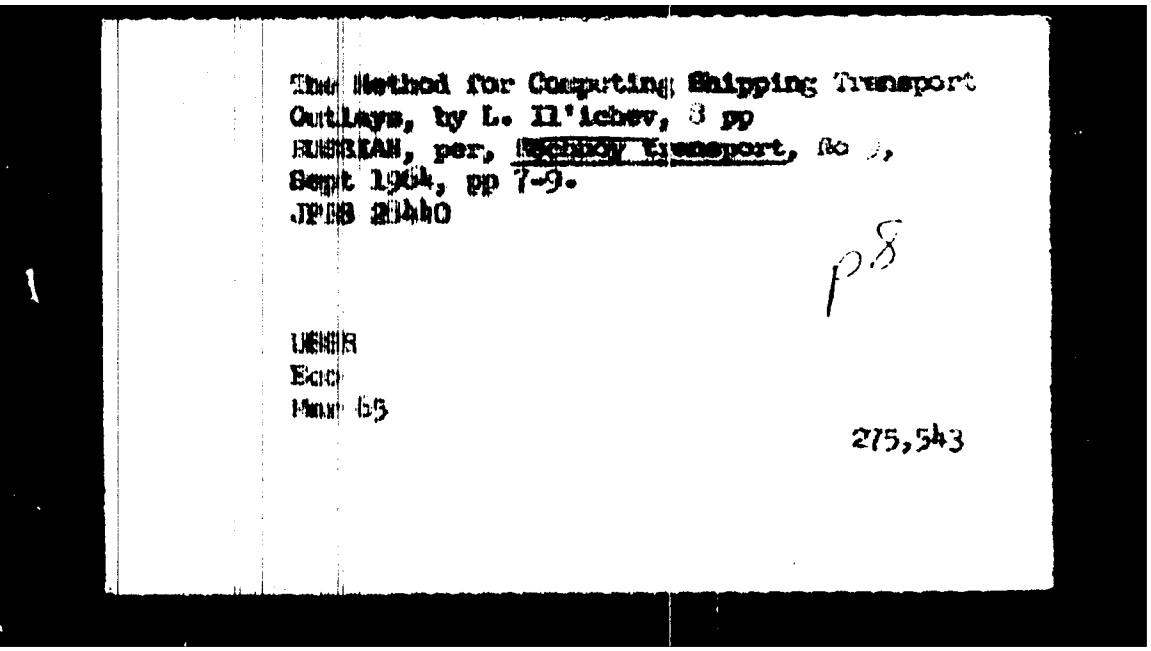

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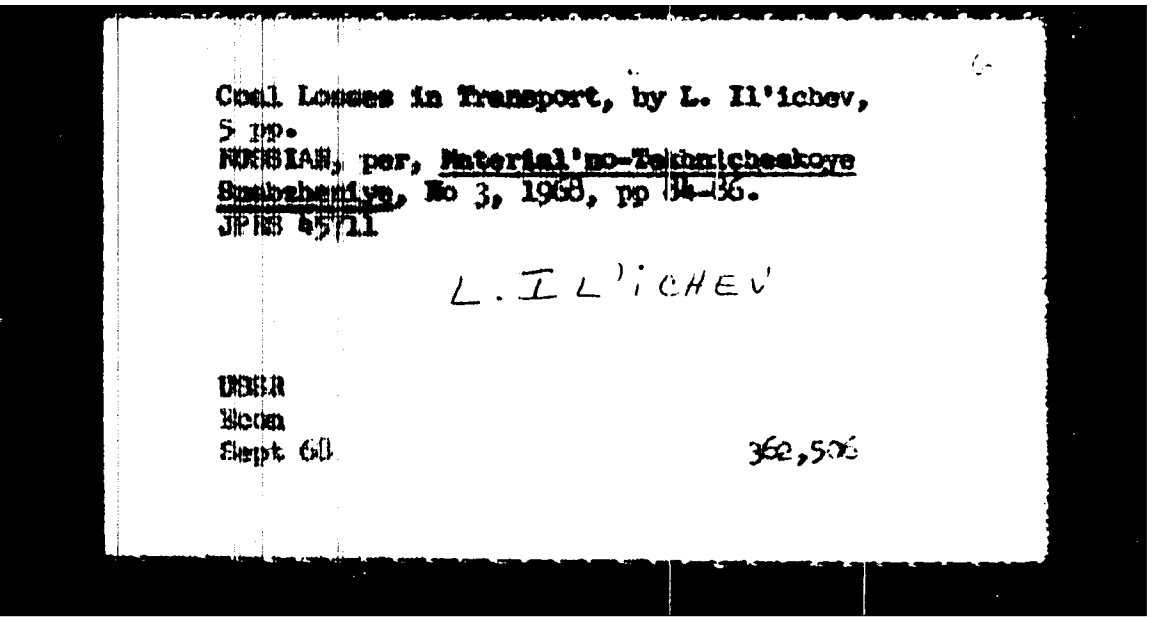

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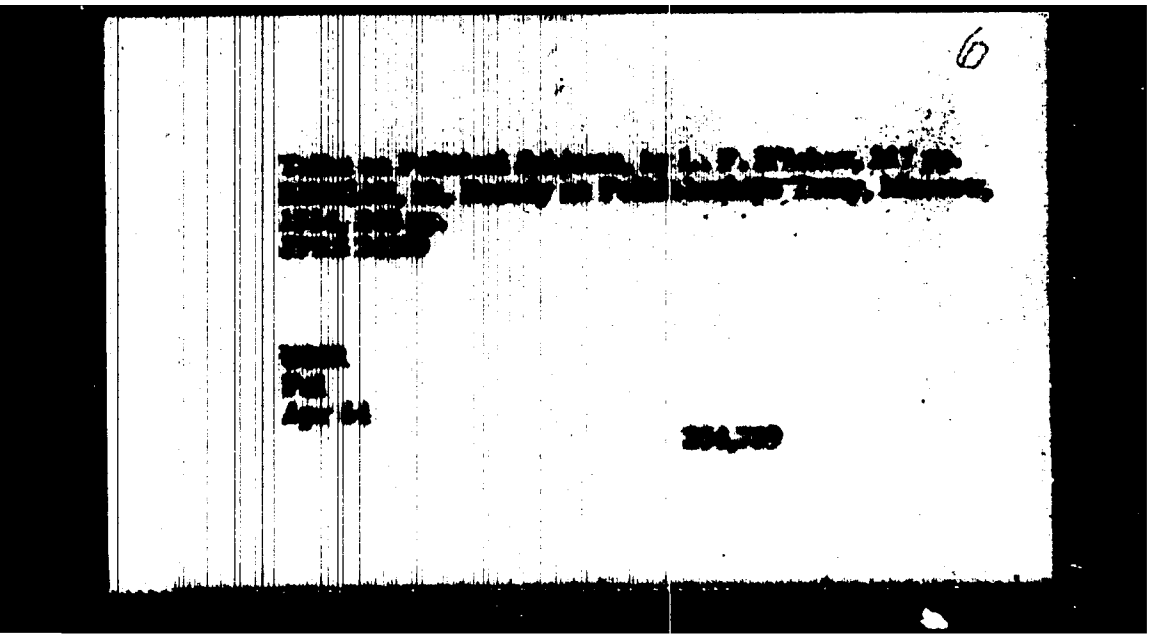

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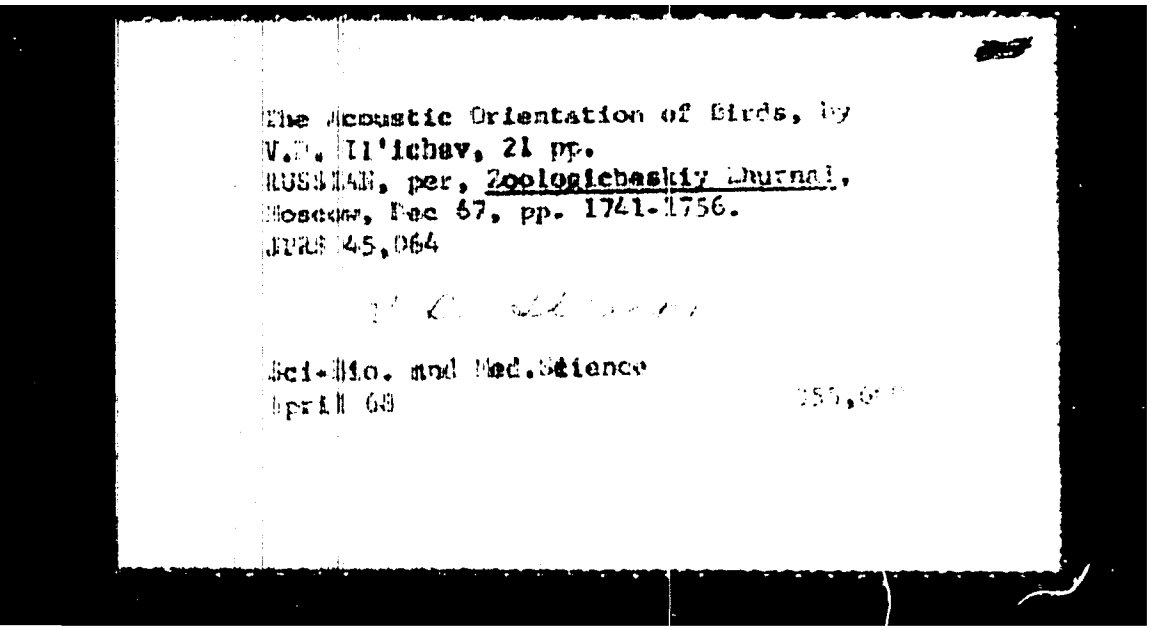

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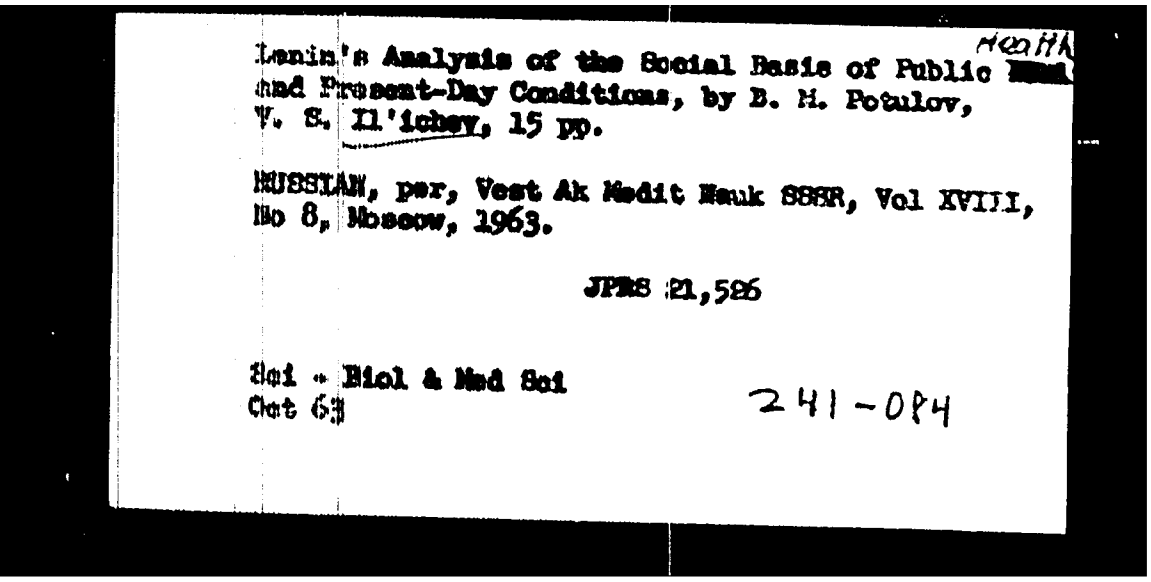

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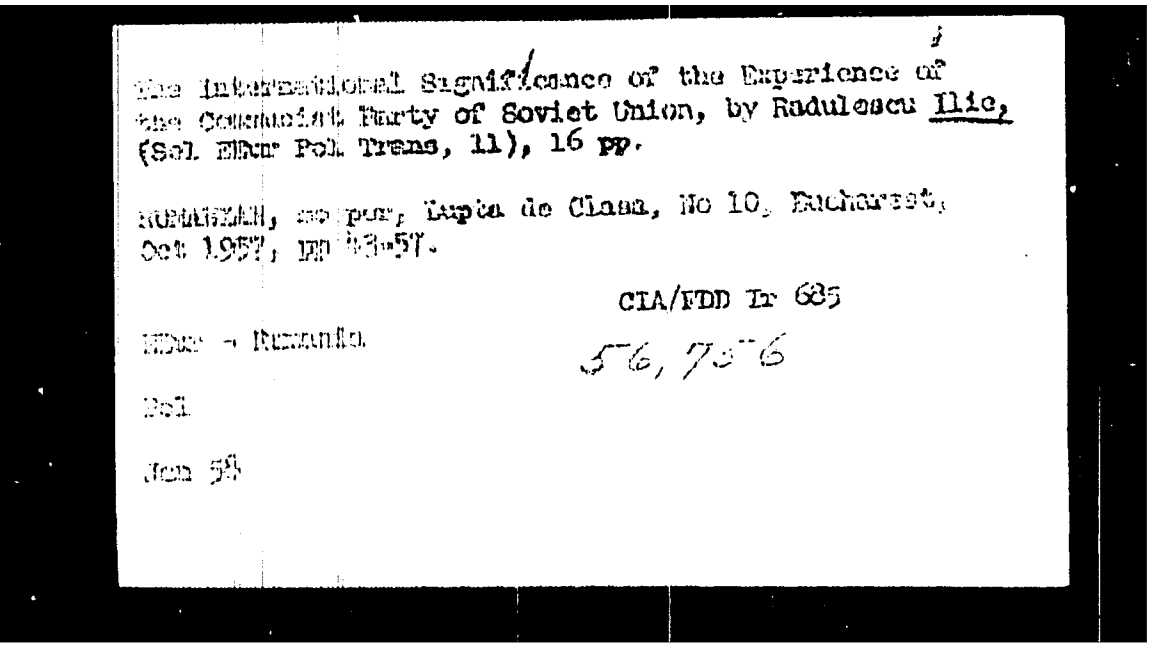

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Self-cleaning decreases the number of mites on sparrows. The greater the availability of food at sites the less time the bird spends procuring the necessary food and the more consideration it gives to cleaning itself of parasites. According to our observations, in

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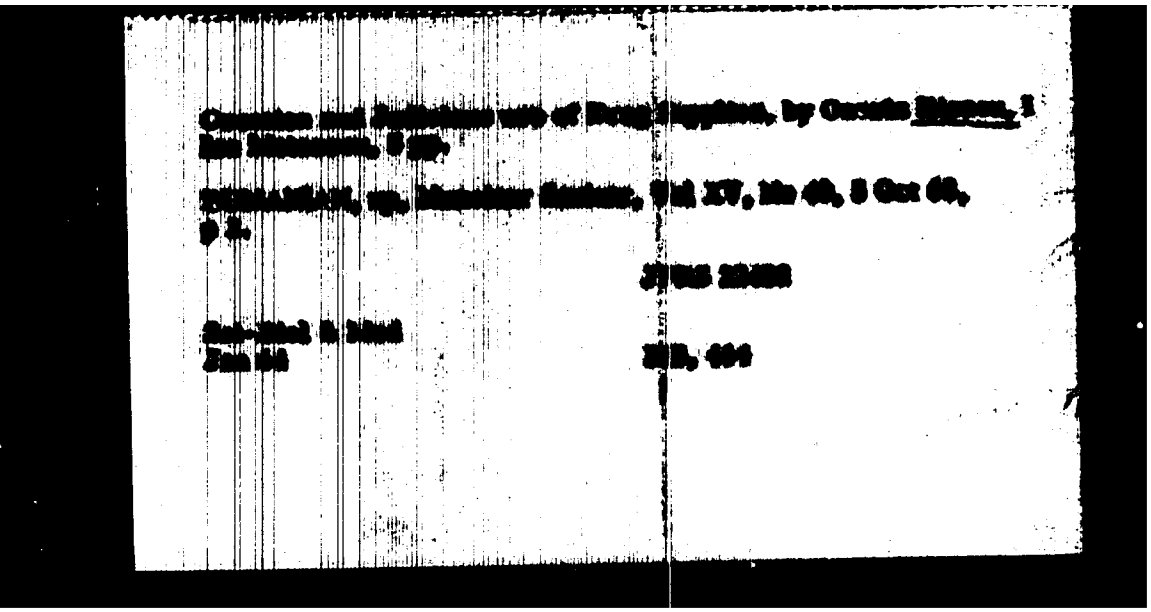

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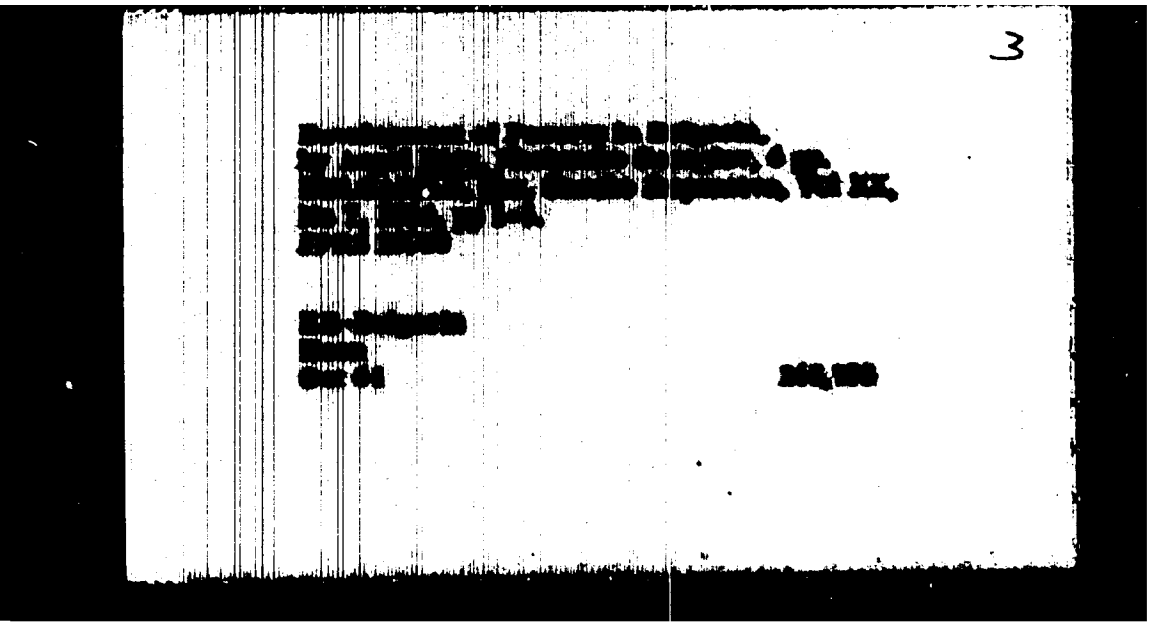

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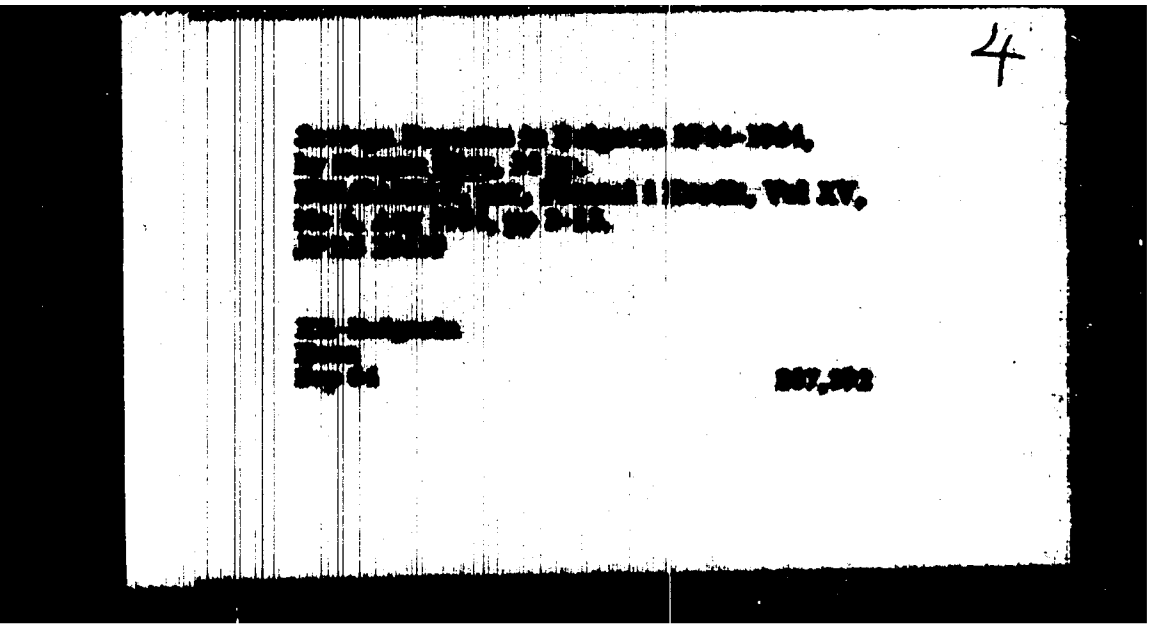

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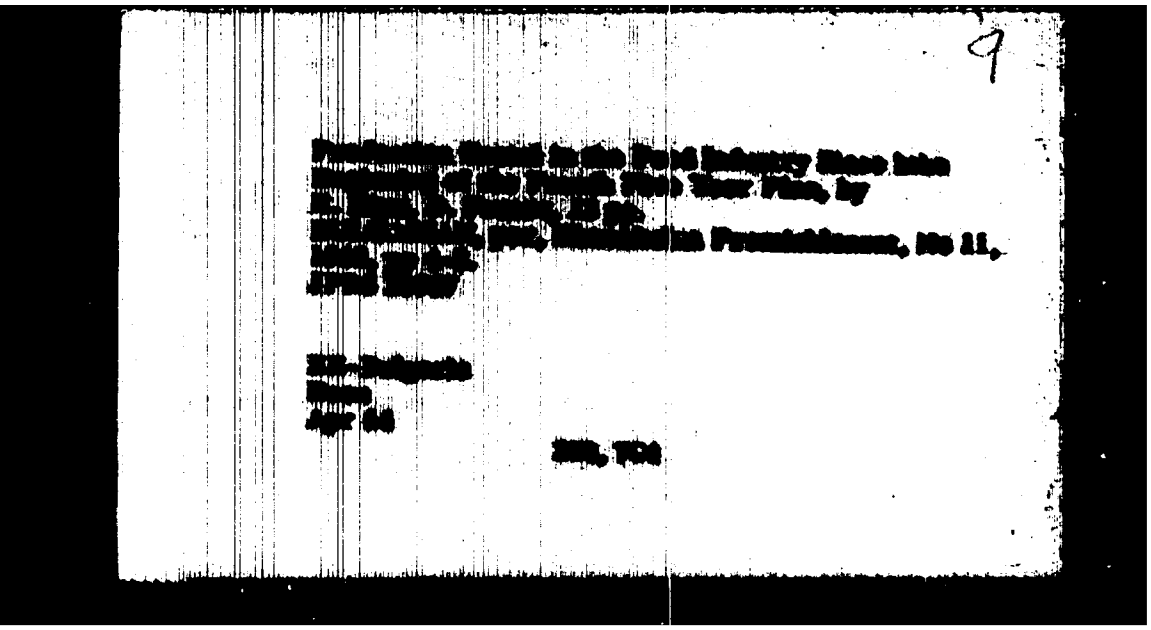

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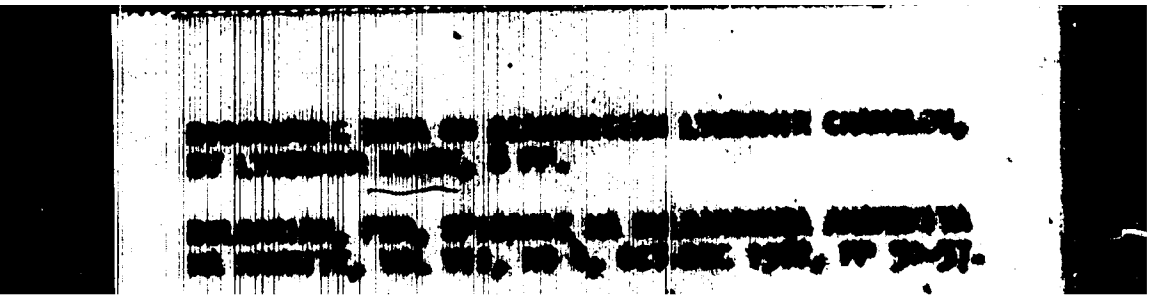

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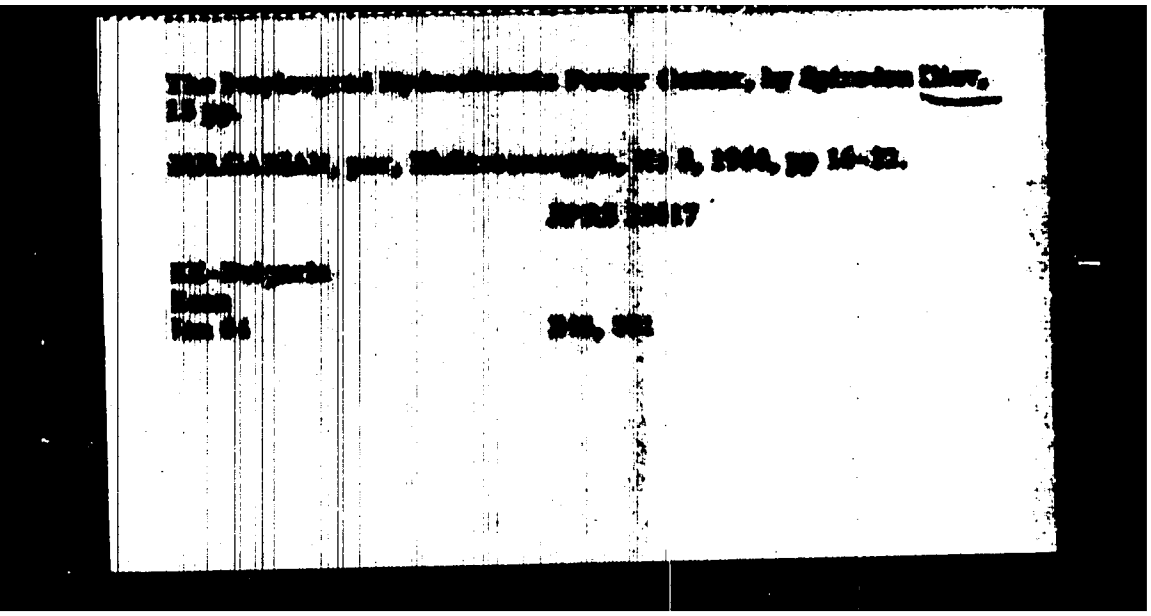

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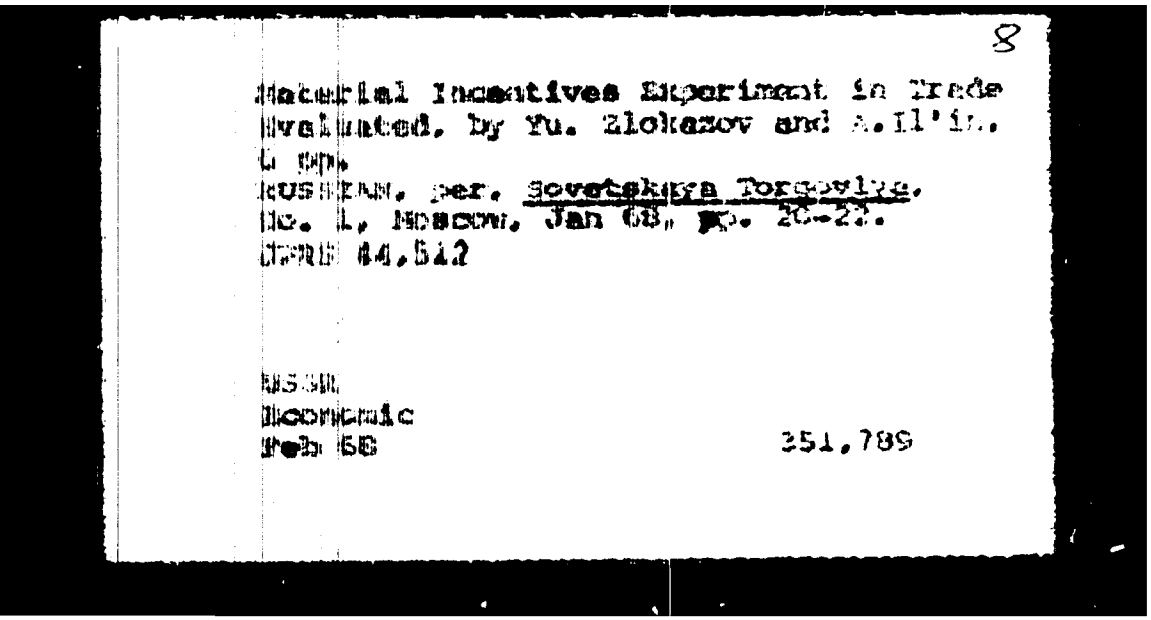

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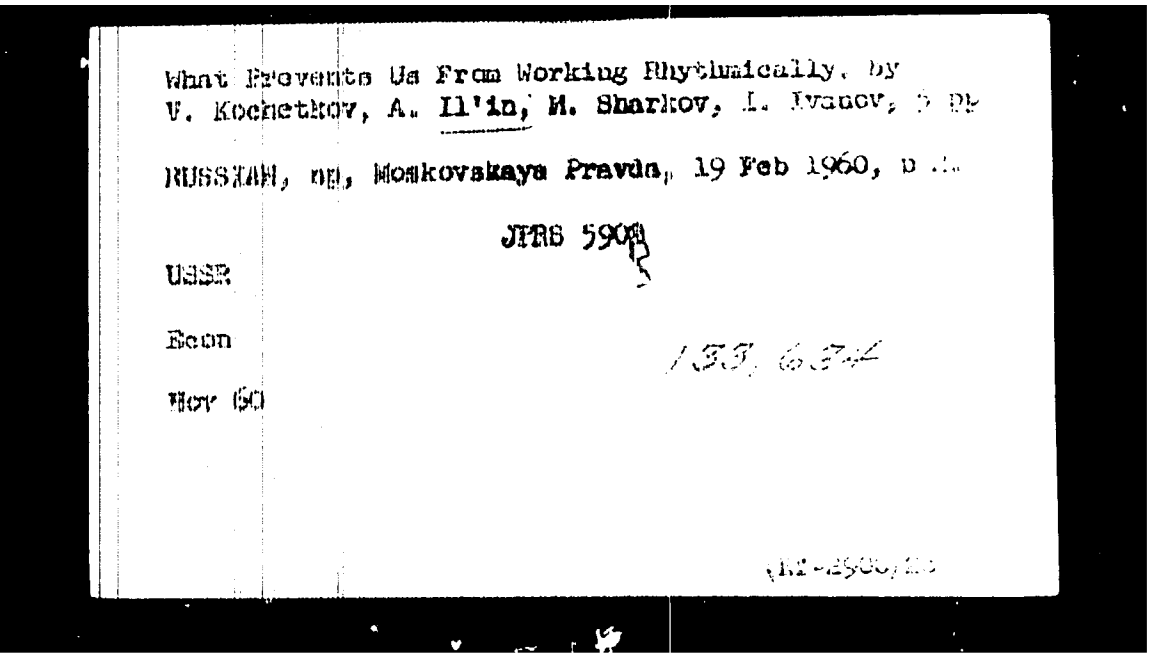

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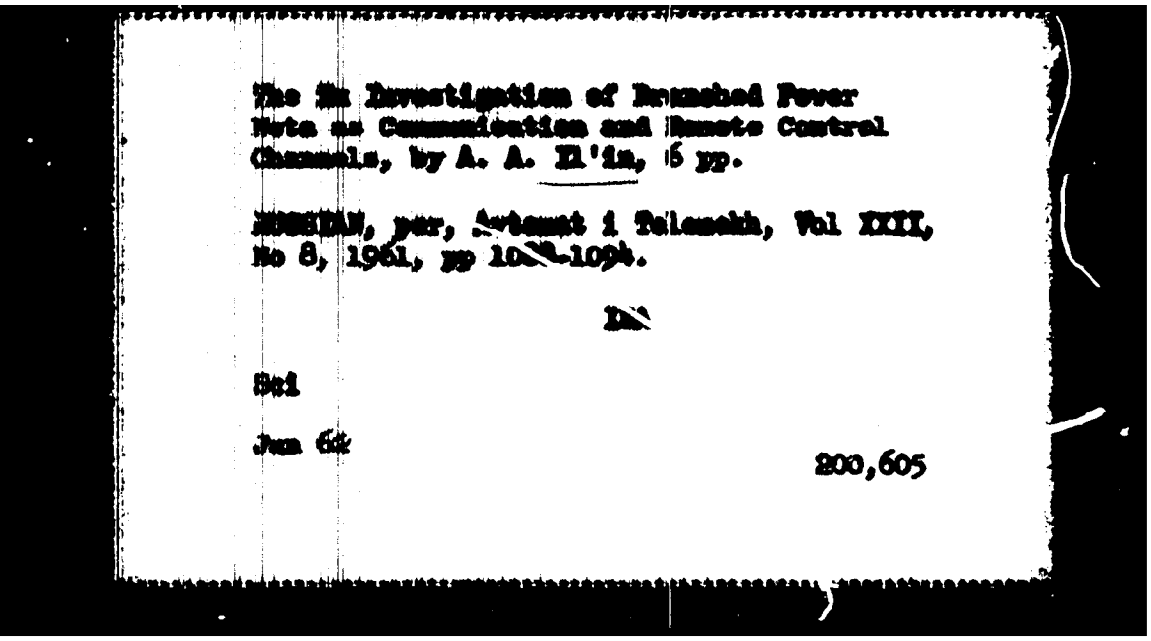

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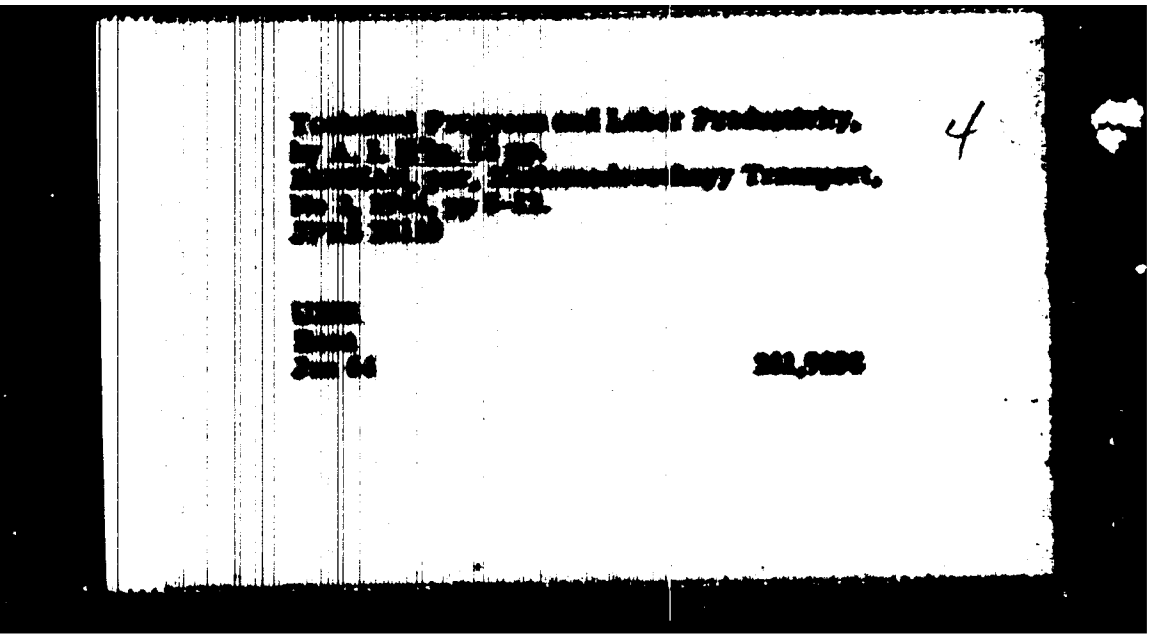

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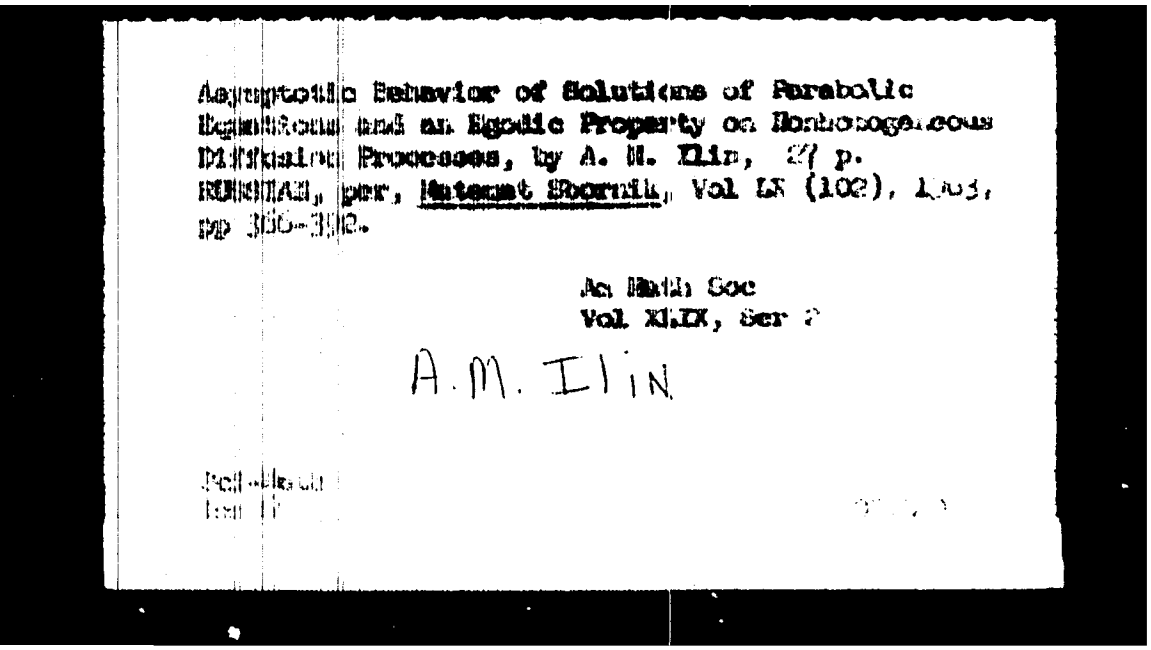

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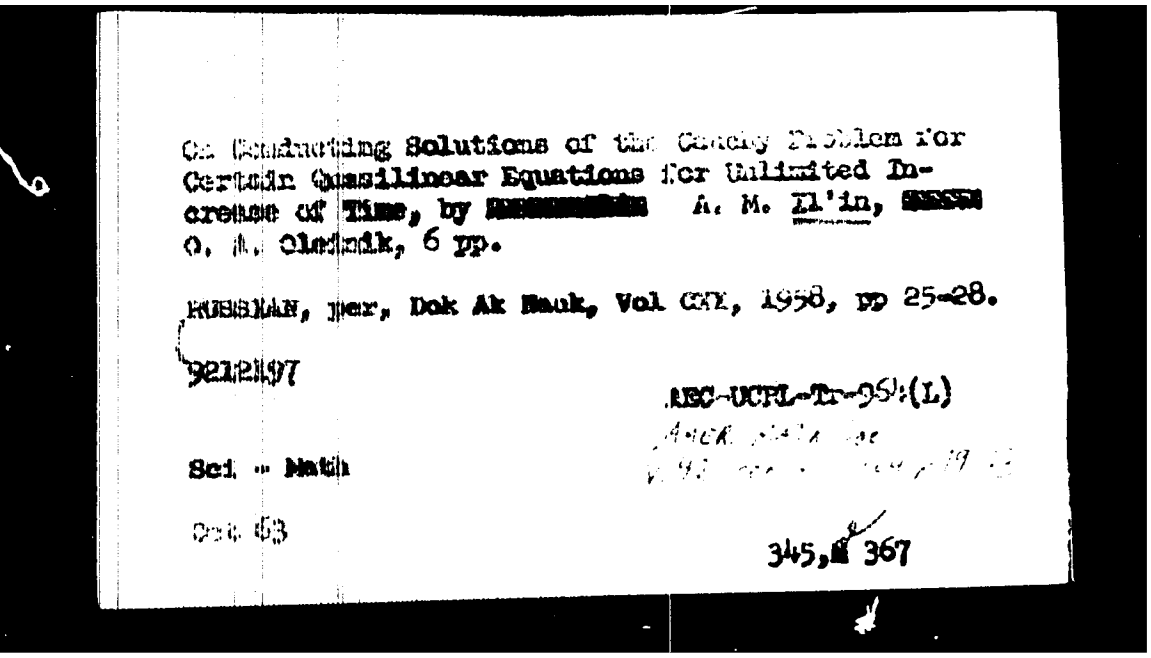

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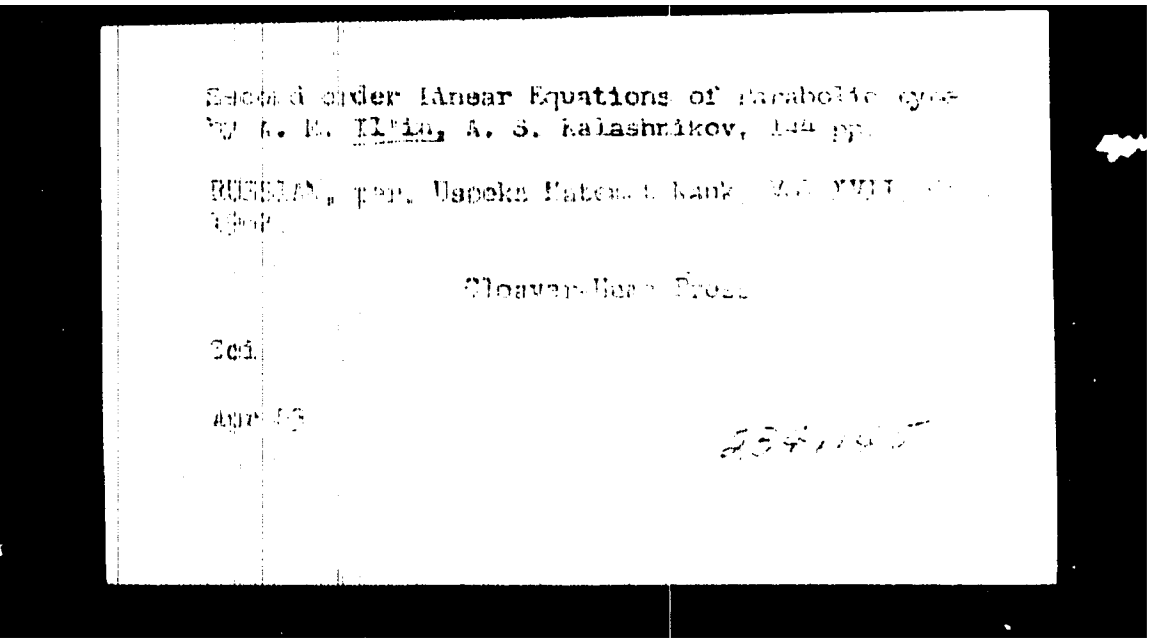

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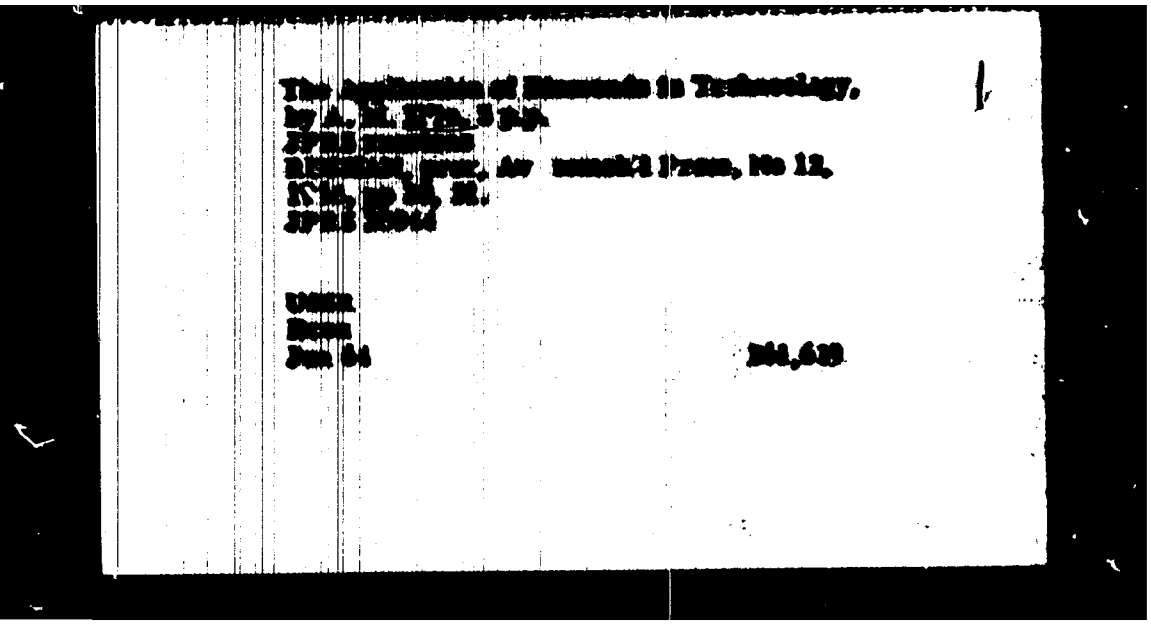

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201200009-4

Il'in, B. V., Kiselev, V. F., and Krasil'nikov, K. G.
THE INFLUENCE OF THE NATURE OF THE SILICA SURFACE ON ITS ADSORPTION PROPERTIES. I.
[1960] 18p. 49 refs.
Order from OTS or SLA $1.60 61-15099

Trans. of Moscow U. Vestnik (USSR) 1957. [v. 12] no. 6, p. 35-50.

DESCRIPTORS: Silicon compounds. Dioxides. *Gels. *Catalysts. Adsorption. Surface properties

Studies were made of (1) the hydration and dehydration processes on silica surface, and (2) the influences of degree of hydration of silica surface on the adsorption of water, methanol and nitrogen vapors. Experiments indicated that (1) loss of structural water between 300° and about 600° or 700° C is mainly at the expense of surface dehydration, and at higher temperatures by reduction of the surface from silica gel agglomeration, and (2) silica gel with large surface area per gram had (Chemistry - Physical, TT, v. 6, no. 2) (over)

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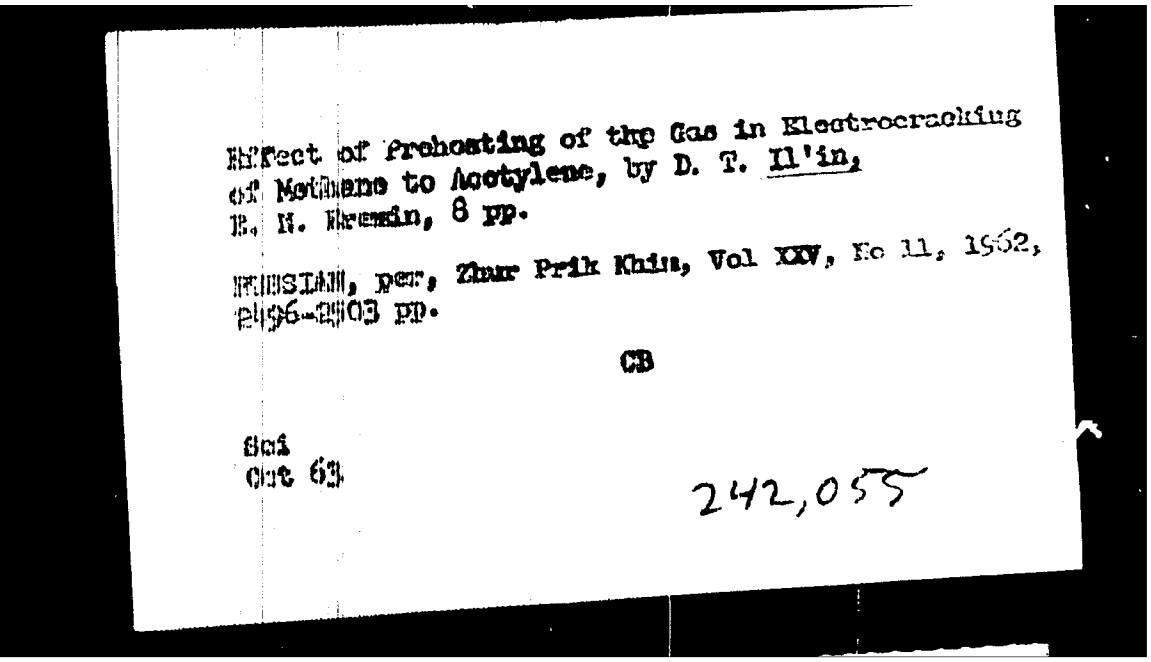

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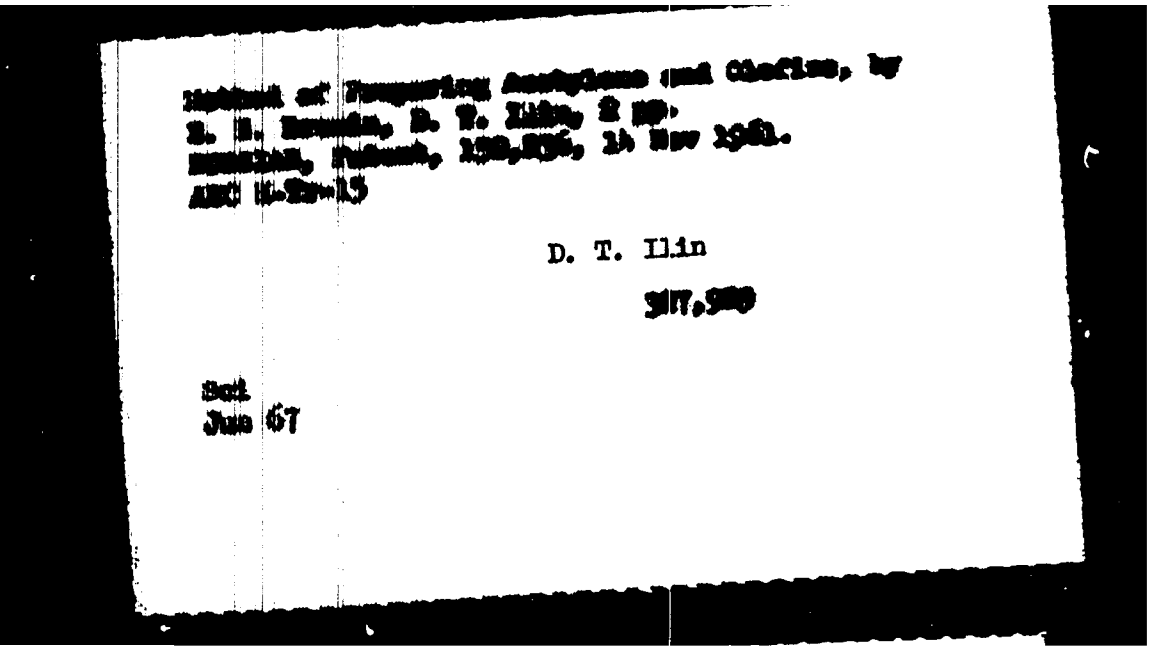

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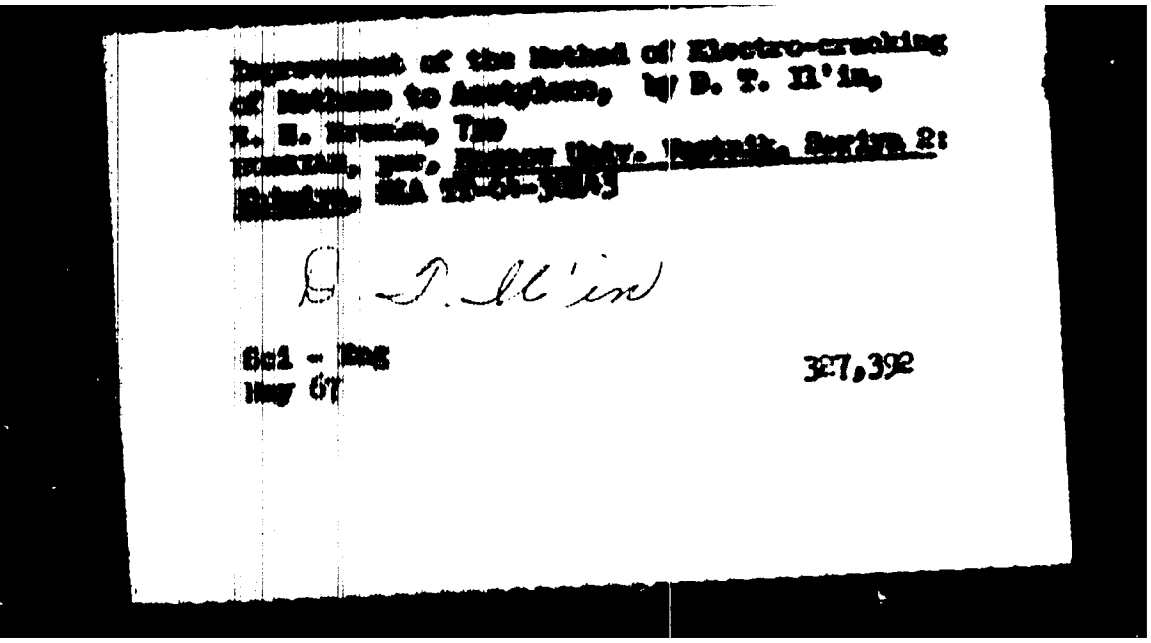

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SHORT COMMUNICATIONS ON THE QUESTION OF THE BIOSYNTHESIS OF NICOTINE. [1961] 4p. 6 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10924

Trans. of "Fiziologiya Rastenii (USSR) 1959, v. 6, p. 474-475.

Experiments showed that the absence of nitrogen in the nutrient has no influence on the synthesis of nicotine, which indicates that the latter is formed only as a result of an active process of vital activity of the plant taking place in the tobacco roots themselves and does not depend on the intake of nutrient elements by the plant.

(Biological Sciences--Biochemistry, TT, v. 5, no. 11)

61-10924

1. Alkaloids--Biosynthesis
2. Nicotine--Biosynthesis
3. Plants--Physiology
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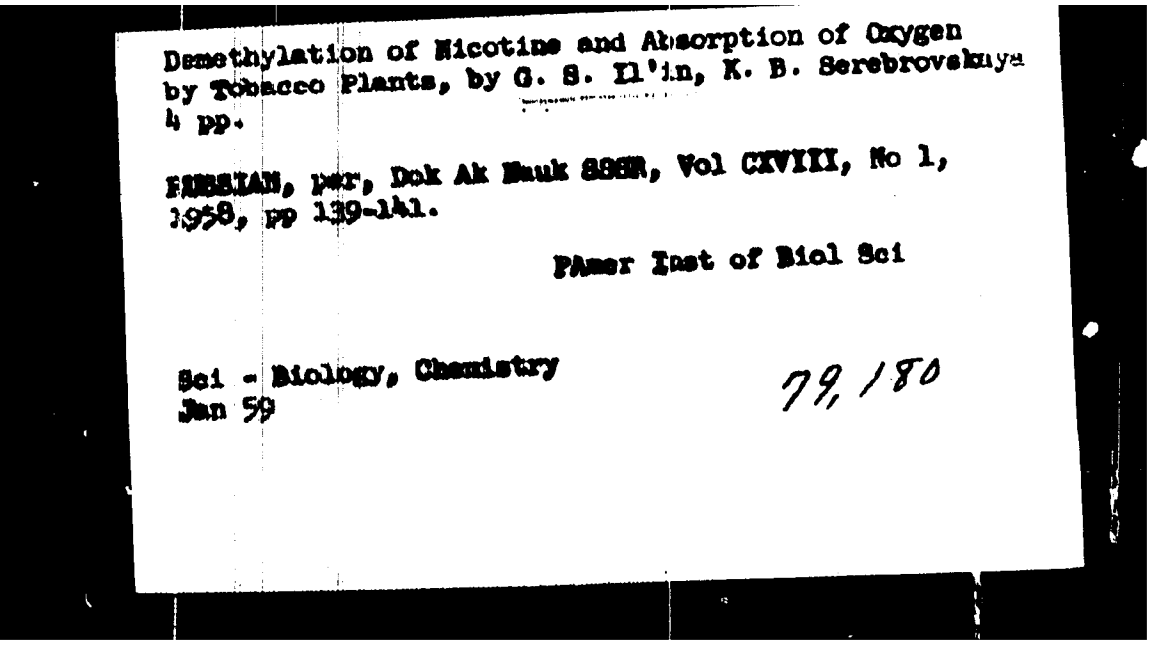

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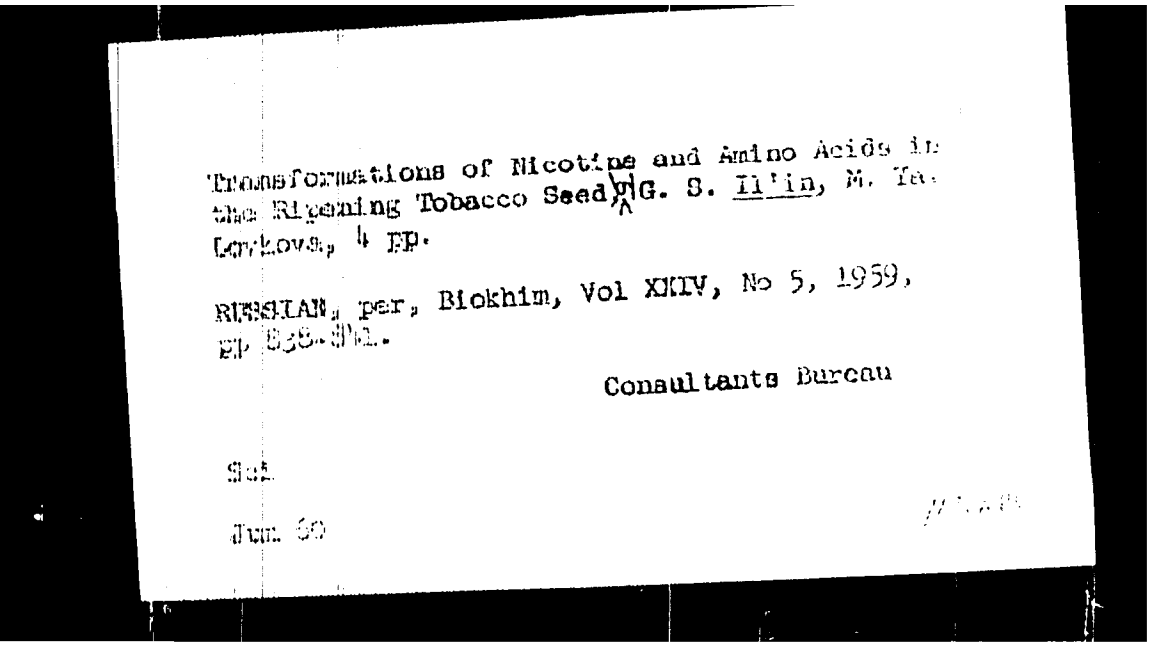

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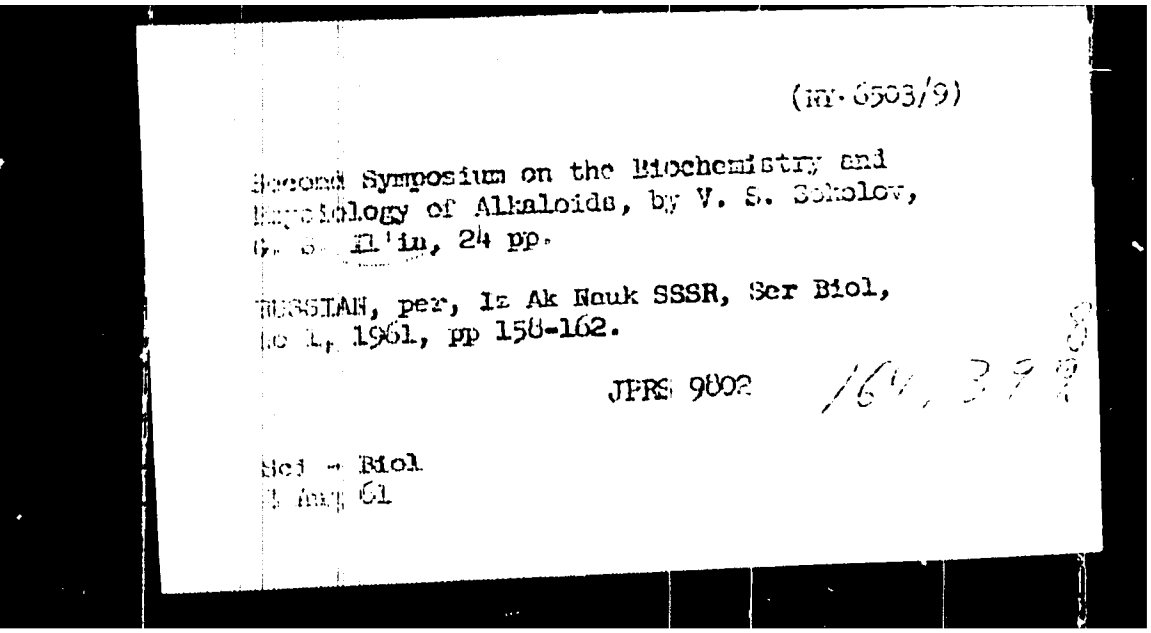

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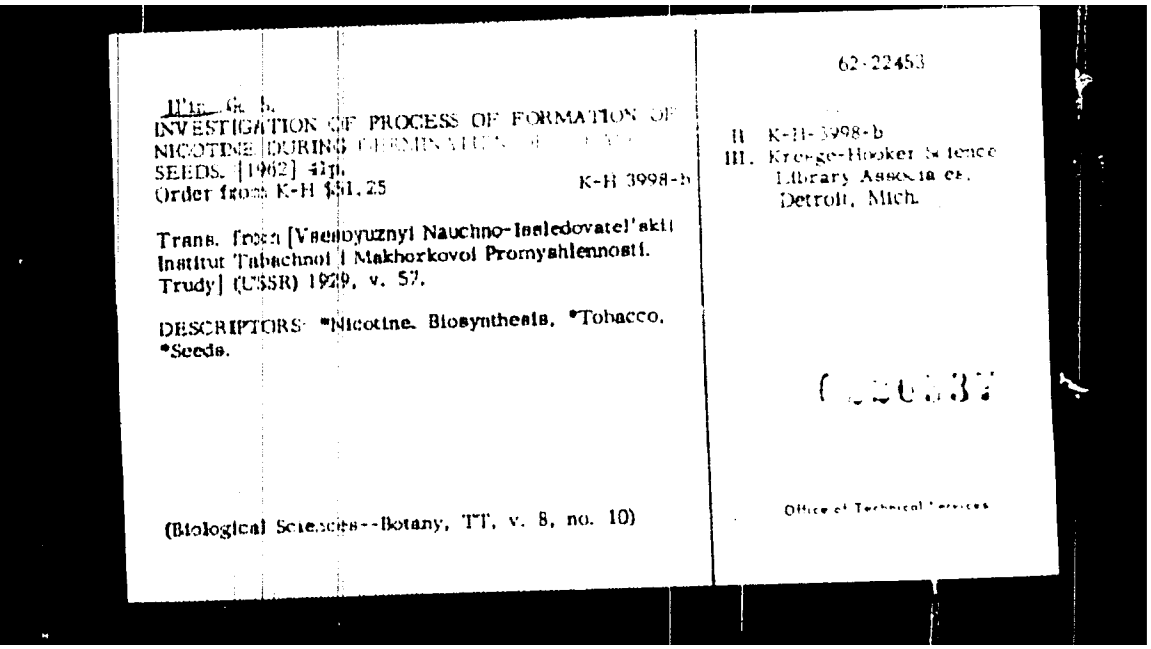

62-22453

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Order from: K-H $51.25 K-H 3998-b

Trans. from [Vsesoyuznyi Nauchno-Issledovatel'skii Institut Tabachnoi i Makhorkovoi Promyshlennosti. Trudy] (USSR) 1929, v. 57.

DESCRIPTORS: *Nicotine, Biosynthesis, *Tobacco, *Seeds.

(Biological Sciences--Botany, TT, v. 8, no. 10)

II. K-H-3998-b
III. Krieger-Hooker Science Library Associates, Detroit, Mich.

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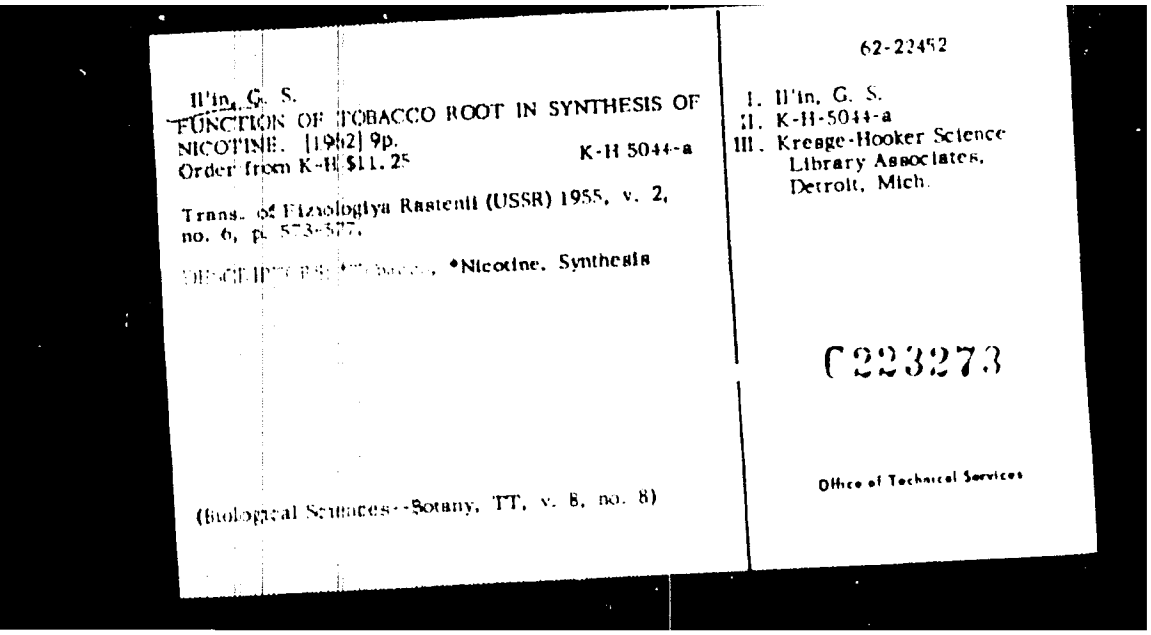

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FUNCTION OF TOBACCO ROOT IN SYNTHESIS OF NICOTINE. [1962] 9p.
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[illegible] *Nicotine, Synthesis

(Biological Sciences--Botany, TT, v. 8, no. 8)

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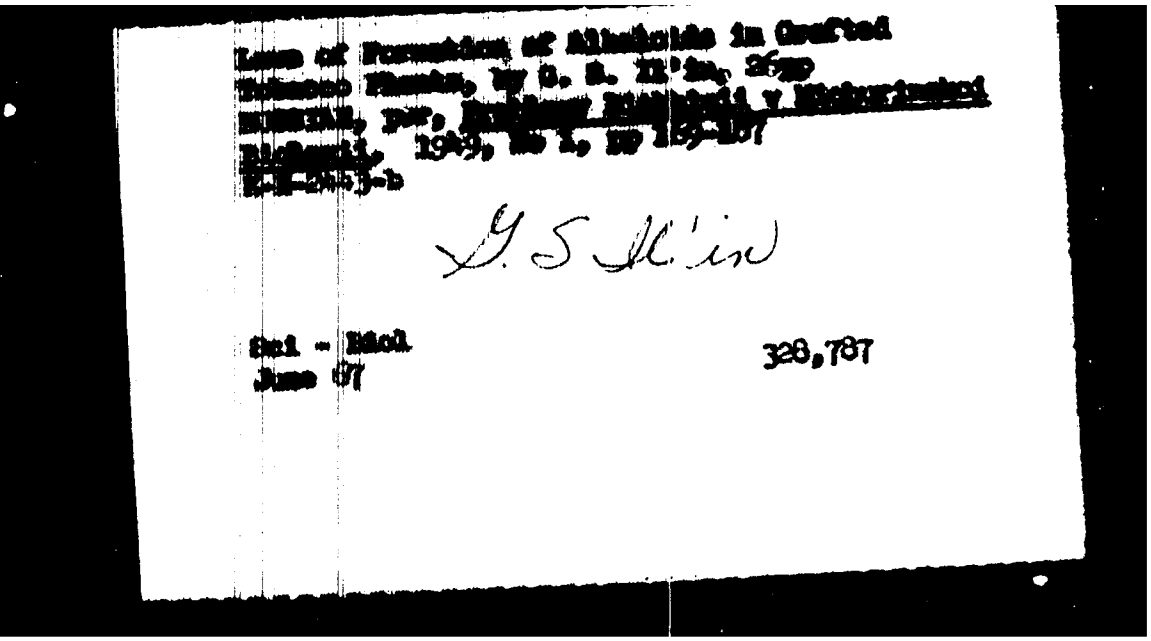

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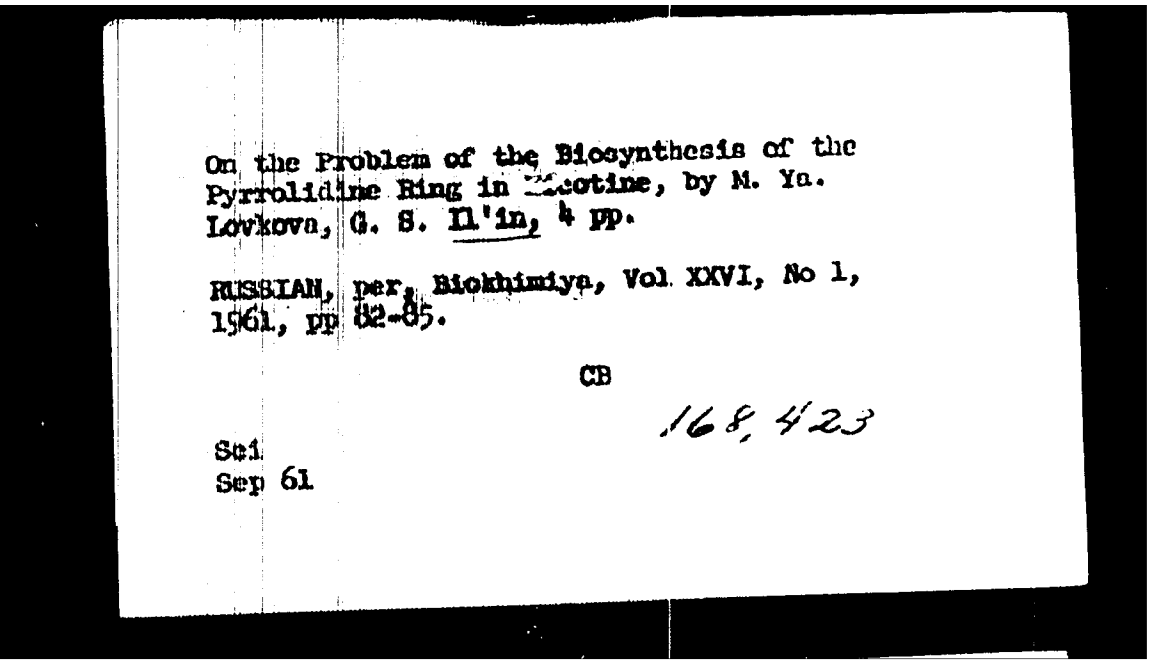

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